

Amendments to the Claims:

Please amend the claims as follows:

1. (Currently Amended) A receiver comprising a decoder for receiving encoded video signals produced by an encoder in a transmitter, the encoder being selectively operative to transmit only differences between selected macroblocks in successive frames when a specific difference ~~criteria~~ criterion between said successive ~~blocks~~ macroblocks is not exceeded, together with a mode indicator signal indicative of whether or not the last received macroblock was encoded in inter-frame prediction format ~~or not~~, frames comprising macroblocks;

the receiver comprising:

a video signal error detection system comprising a first comparator for comparing macroblocks in successive frames output from said decoder and applying said specific difference criteria to provide an indication of whether inter-frame prediction should apply or not,

and a second comparator for comparing the indication from the first comparator with said mode indicator signal,

the second comparator being operative to generate an error signal when a divergence is detected.

2. (Previously Amended) A system according to Claim 1, including an error concealment circuit responsive to the decoder and a previous frames buffer to recover corrupted data when the second comparator indicates an error.

3. (Previously Amended) A system according to Claim 1, wherein the first comparator acts as a mode decision circuit capable of generating one of three outcomes namely, inter-frame prediction, no inter-frame prediction and unknown.

4. (Currently Amended) A system according to Claim 3, wherein the mode decision circuit responds to each macroblock of each frame from the output from the decoder to determine a mean value for pixels and responds to a difference A between

reconstructed values of pixels in said macroblock and said mean value, a difference B between the reconstructed values of pixels of ~~the present~~ a current macroblock and reconstructed values of pixels of ~~the~~ a corresponding macroblock of an immediately preceding frame and an error margin E to provide a first outcome if $A < B - E$ a second outcome if $B - E < A < B + E$ and a third outcome if $B + E < A$.

5. (Original) A system according to Claim 2, wherein the error concealment circuit acts to replace each corrupted macroblock with a corresponding macroblock in the immediately preceding frame.

6. (Currently Amended) A video signal error detection system for use in a receiver having a decoder for receiving encoded video signals produced by an encoder in a transmitter, wherein the encoder ~~being~~ is selectively operative to transmit ~~only differences~~ the differences only between selected macroblocks in successive frames when a specific difference ~~criteria~~ criterion between said successive ~~blocks~~ macroblocks is not exceeded,

and wherein each frame comprises one or more macroblocks, the detection system comprising:

~~the detection system comprising~~ a first comparator ~~for comparing~~ configured to compare macroblocks in successive frames in an output signal from said decoder, and to apply ~~applying~~ said specific difference ~~criteria~~ criterion to provide an indication of whether or not inter-frame prediction should apply ~~or not~~, and further configured to determine a mean value for pixels in response to each of said macroblocks; and

a second comparator ~~for comparing~~ configured to compare the indication from the first comparator with an output from the decoder indicative of whether or not the last received macroblock was in inter-frame prediction format ~~or not~~ and operable to generate an error signal when a divergence is detected;

wherein the first comparator ~~acts as~~ comprises a mode decision circuit ~~capable of~~ configured to respond to each macroblock of each frame from the output of the decoder by generating one of three possible outcomes namely, inter-frame prediction, no inter-frame prediction and unknown; and

wherein, in the response to a current macroblock, said possible outcomes are conditioned on ~~the mode decision circuit responds to each macroblock of each frame from the output from the decoder to determine a mean value for pixels and responds to a difference A between reconstructed values of pixels in said current macroblock and the corresponding mean pixel value said mean value,~~ a difference B between the reconstructed values of pixels of ~~the present~~ said current macroblock and reconstructed values of pixels of the corresponding macroblock of an immediately preceding frame, and an error margin E, thereby to provide a first of said possible outcomes if $A < B - E$, a second of said possible outcomes if $B - E < A < B + E$, and a third of said possible outcomes if $B + E < A$.

7. **Cancelled.**

8. **Cancelled.**

9. **Cancelled.**